



Mr. Eric Winiecki
EPA Project Coordinator
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101

Subject:
DOCKET NO. SDWA-10-2013-0080, Yakima Valley Dairies
September 2013 Monthly Progress Report

Dear Mr. Winiecki:

Please find attached the Yakima Valley Dairies Monthly Progress Report for the period September 11 to October 10, 2013, submitted on behalf of: (1) Cow Palace, LLC; (2) D & A Dairy, LLC (also known as D&A Dairy L.L.C.), George DeRuyter & Son Dairy, L.L.C., and George & Margaret, L.L.C; and (3) Liberty Dairy LLC and its associated dairy facility H&S Bosma Dairy. If you have any questions or comments, please do not hesitate to call. Thank you.

Sincerely,

ARCADIS U.S., Inc.

Kevin M. Freeman
YVD Project Coordinator

Attachments:
Monthly Progress Report, September 11 to October 10, 2013

Copies:
Adam Dolsen, Cow Palace LLC
Dan DeRuyter, George DeRuyter & Son Dairy LLC
Henry Bosma, Liberty Dairy LLC
Rene Fuentes, EPA
Jennifer MacDonald, EPA
Patrick W. Ryan, Perkins Coie LLP
Lori Terry Gregory, Foster Pepper PLLC

Imagine the result

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ENVIRONMENT

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October 15, 2013

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EPA ref:
SDWA-10-2013-0080

YAKIMA VALLEY DAIRIES (YVD)**Docket No, SDWA-10-2013-0080****Monthly Progress Report [per Consent Order (CO) Statement of Work (SOW) III.K.1]****Period: September 11, 2013 to October 10, 2013**

Task Number	Task Title	Actions Completed During Reporting Period	Work Planned for Next 60 days	Problems Encountered/Anticipated and Solutions Developed/ Implemented
GENERAL TASKS				
1	Identify Project Coordinator (Consent Order 16. b.) and Contractor (notification of subsequent contractors must be provided to EPA 20 days prior to commencement of Work) (Consent Order 16.a.)	TASK COMPLETE		
4	Notify EPA regarding interest in participating in the public involvement process (III.C.)	TASK COMPLETE		
PROVISION OF WATER (III.D.)				
5	Submit Residential Well Sampling QAPP (III.D.2.)	TASK COMPLETE		
6	Test each residential drinking water well within the Dairy Facilities boundary and within one mile downgradient of the Dairy Facilities (III.D.3.)	Sampled five non-respondent residences (rentals) owned by YVD on September 18, 2013.	TASK COMPLETE. ARCADIS will continue to schedule sampling if contacted by resident(s) who are currently non-respondent.	
7	Provide residents results of Hach test strip (III.D.4.)	TASK COMPLETE		
8	Provide preliminary results of laboratory analysis of residential drinking water well samples to EPA (III.D.4.)	TASK COMPLETE		
9	Provide validated laboratory analytical results to each resident and to EPA (III.D.4.)	TASK COMPLETE		

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10	Provide reverse osmosis treatment system (or other EPA approved alternative water supply) to each owner/occupant that accepts offer for alternative water (III.D.5)	Continue to install new systems and perform maintenance of existing systems (Pinnacle). Nineteen (19) new systems were installed from 9/11 to 10/10. Maintenance of 11 existing systems was completed.	Continue to install new systems and perform maintenance of existing systems (Pinnacle). Seven systems are scheduled for installation during 10/11 to 11/10. Maintenance of existing systems is being accomplished as residents schedules allow.	Last request for system (for new installation or existing maintenance) was received by ARCADIS on August 11, 2013. No calls received since that date.
11	Submit Residential Well Sampling Report	Submitted draft Residential Well Sampling report to EPA on October 10, 2013.	Revise Report based on EPA comments.	
GROUNDWATER MONITORING (III.E.)				
12	Submit Groundwater Monitoring QAPP (III.E.1.)	Collected synoptic water level measurements September 16, 2013. Began sampling of wells on September 16, 2013. Completed sampling activities on September 26, 2013.	No sampling activities planned for October or November. Next sampling event planned for December 2013.	One Sample Delivery Group exceeded nitrate hold time due to analytical laboratory processing error. One Sample Delivery Group exceeded nitrate hold time due to shipper handling error. Both Sample Delivery Groups were re-sampled for nitrate only.
13	Submit Groundwater Monitoring Well Installation Report (III.E.2.)	Begin preparation of Report.	Submit Report to EPA by November 3, 2013. Revise Report based on EPA comments.	
14	Report validated groundwater nitrate analytical results (III.A.3.e.(1))	Validated results upon receipt of data from analytical laboratory. Preparing Data Useability Reports for Sample Delivery Groups.	Submit Reports to EPA by October 28, 2013. Revise Reports based on EPA comments.	
15	Quarterly Groundwater Monitoring Data Reports (III.E.3.)	Begin preparation of Third Quarter (September) 2013 Report.	Submit Report to EPA by November 25, 2013. Revise Report based on EPA comments.	

YAKIMA VALLEY DAIRIES (YVD)

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16	Annual Groundwater Monitoring Data Report (III.E.3.)	None	None	
IMMEDIATE SOURCE CONTROL ACTIONS (III.F.)				
17	Submit Dairy Facility Application Field Management Plan (III.F.1.)	Received comment letter from EPA on September 12, 2013. Revised and submit Plan(s) to EPA on September 25, 2013.	Revise Plan(s) based on EPA comments.	YVD anticipated to begin harvesting crops from application fields by end of September. Post-harvest sampling for 2013 will be conducted in accordance with the draft AFM Plans.
18	Submit Dairy Facility Application Field Reports (III.A.3.e.(2))	None	None	
19	Submit Irrigation Water Management Plan (III.F.2.)	Received EPA comments to DQOs on September 30, 2013. Revise and prepare Plan(s) based on EPA comments to DQOs.	Submit Plan(s) for EPA for review and comment on October 30, 2013. Revise Plan(s) based on EPA comments.	
20	Implement Irrigation Water Management Plan (III.F.2.)	None.	None	
21	Take action to reduce nitrate contributions from silage storage (III.F.3.)	Dairy facilities initiated implementation of recommended actions.	Provide memorandum of observations and actions to EPA following completion of actions	
22	Take action to reduce nitrate contributions from solid separator (III.F.4)	Dairy facilities initiated implementation of recommended actions.	Provide memorandum of observations and actions to EPA following completion of actions.	
23	Install backflow prevention system (III.F.5)	TASK COMPLETE		
24	Submit Lagoon Review Report (III.F.6.)	TASK COMPLETE		
25	Submit Lagoon Evaluation Plan (III.F.6.)	Prepared Plan(s) for each facility as per information contained in Lagoon Review Report(s). Submitted Plan(s) to EPA on October 2, 2013.	Revise Plan(s) based on EPA comments.	Requested 15-day extension to original submission due-date of September 11, 2013. EPA granted 15-day extension on September 10, 2013.

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26	Submit Lagoon Evaluation Report and Lagoon Work Plan (III.F.6)	None	None	
27	Submit records of locations to which manure is transported off of the Dairy Facilities (III.F.7)	None	None	
28	Eliminate furrow irrigation (III.F.8.)	None	None	
29	Submit Plan for assessment of area surrounding monitoring well DC-03 (III.F.12.)	None	Await further EPA comments following completion of groundwater monitoring well network installation.	ARCADIS and EPA will reach a agreement regarding the intent and scope of the DC-03 Investigation following completion of the groundwater monitoring well installation. Information provided by the well network will be used to refine the DC-03 work plan.
REPORTING (III.K.)				
34	Monthly Progress Reports (III.K.1.)	Submitted August MPR to EPA on September 16, 2013. Prepared September MPR.	Submit September MPR to EPA on October 15, 2013. Prepare October MPR. Prepare November MPR.	
35	Annual Reports (III.K.2.)	None	None	